Kite Flight D Kite Flight D	State DE DE	Standards SCI.3.1.1.2 SCI.3.1.1.6					
Grade 3 Activity/Lesson Kite Flight Kite Flight Flying a Styrofoam	State DE DE	Standards SCI.3.1.1.1 SCI.3.1.1.2	Generate questions and predictions using observations and exploration about the natural world. Generate and follow simple plans using systematic observations to explore questions and predictions. Examine an assortment of rocks and use appropriate measuring tools (balances, meter tapes, syringes) to gather data about				
Grade 3 Activity/Lesson Kite Flight Kite Flight Flying a Styrofoam	DE DE	SCI.3.1.1.1 SCI.3.1.1.2	observations and exploration about the natural world. Generate and follow simple plans using systematic observations to explore questions and predictions. Examine an assortment of rocks and use appropriate measuring tools (balances, meter tapes, syringes) to gather data about				
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Kite Flight D	DE	SCI.3.1.1.2	Generate and follow simple plans using systematic observations to explore questions and predictions. Examine an assortment of rocks and use appropriate measuring tools (balances, meter tapes, syringes) to gather data about				
Flying a Styrofoam			systematic observations to explore questions and predictions. Examine an assortment of rocks and use appropriate measuring tools (balances, meter tapes, syringes) to gather data about				
Flying a Styrofoam			and predictions. Examine an assortment of rocks and use appropriate measuring tools (balances, meter tapes, syringes) to gather data about				
Flying a Styrofoam			Examine an assortment of rocks and use appropriate measuring tools (balances, meter tapes, syringes) to gather data about				
, ,	DE	SCI 3 1 1 16	appropriate measuring tools (balances, meter tapes, syringes) to gather data about				
, ,	DE	SCI 3 1 1 16	meter tapes, syringes) to gather data about				
, ,	DE	SCI 3 1 1 16					
, ,	DE	SCI 3 1 1 16	the rocks physical properties denote i				
Plane L	DE	15(131116					
		301.0.1.1.10	circumference, weight).				
			Examine an assortment of rocks and use				
			appropriate measuring tools (balances,				
[Fl. da. a. a. Otamata ana			meter tapes, syringes) to gather data about				
Flying a Styrofoam	5 E	0010504	the rocks' physical properties (length,				
Plane D	DE	SCI.3.5.3.1	circumference, weight).				
Looking for			Collect data using observations, simple tools				
Looking for			and equipment. Record data in tables,				
Answers:A research	DE	SCI.3.1.1.3	charts, and bar graphs. Compare data with				
project D	JE	301.3.1.1.3	others to examine and question results.				
Looking for			Use mathematics, reading, writing, and				
Answers:A research			technology when conducting an investigation				
	DE	SCI.3.1.1.6	and communicating the results.				
project	<u></u>	301.3.1.1.0	Generate questions and predictions using				
			observations and exploration about the				
The Matter of Air	DE	SCI.3.1.1.1	natural world.				
THE Watter of 7th	<u> </u>	001.0.1.1.1	Generate and follow simple plans using				
			systematic observations to explore questions				
The Matter of Air	DE	SCI.3.1.1.2	and predictions.				
	- -		Generate questions and predictions using				
			observations and exploration about the				
Controlling the Plane D	DE	SCI.3.1.1.1	natural world.				
3 2 2 22 2			Generate and follow simple plans using				
			systematic observations to explore questions				
Controlling the Plane D	DE	SCI.3.1.1.2	and predictions.				
			Collect data using observations, simple tools				
			and equipment. Record data in tables,				
			charts, and bar graphs. Compare data with				
Controlling the Plane D	DE	SCI.3.1.1.3	others to examine and question results.				
	Courage to Soar						
		2006 Science					
Grade Level Expectations							
Delaware Science							
Grade 4							

Activity/Lesson	State	Standards	
<u> </u>			Design and conduct simple to multi-step
			investigations in order to test predictions.
			Keep constant all but the condition being
Kite Flight	DE	SCI.4.1.1.2	tested.
3			Design and conduct simple to multi-step
			investigations in order to test predictions.
			Keep constant all but the condition being
Aviation Pioneers	DE	SCI.4.1.1.2	tested.
/ Wation Floridord		001.1.1.1.2	lootou.
			Accurately collect data using observations,
			simple tools and equipment. Display and
Looking for			organize data in tables, charts, diagrams,
Answers: A research			and bar graphs or plots over time. Compare
	DE	SCI.4.1.1.3	•
project	DE	301.4.1.1.3	and question results with and from others.
Looking for			Use mathematics, reading, writing, and
Answers:A research	DE	0014440	technology when conducting scientific
project	DE	SCI.4.1.1.6	inquiries.
			Design and conduct simple to multi-step
			investigations in order to test predictions.
			Keep constant all but the condition being
The Matter of Air	DE	SCI.4.1.1.2	tested.
			Design and conduct simple to multi-step
			investigations in order to test predictions.
			Keep constant all but the condition being
Controlling the Plane	DE	SCI.4.1.1.2	tested.
			Accurately collect data using observations,
			simple tools and equipment. Display and
			organize data in tables, charts, diagrams,
			and bar graphs or plots over time. Compare
Controlling the Plane	DE	SCI.4.1.1.3	and question results with and from others.
		Courage to Se	nar
		2006 Scienc	
	Gra	ade Level Exped	
Delaware Science			
Grade 5			
Activity/Lesson	State	Standards	
			Generate focused questions and informed
Kite Flight	DE	SCI.5.1.1.1	predictions about the natural world.
			<u> </u>
			Use rulers, meter sticks, tapes, and watches
			to measure the distance objects travel in a
			given period of time and how much time it
			takes for an object to travel a certain
			distance. Organize the measurements in
			tables, and construct graphs based on the
			measurements. Reach qualitative
			conclusions about the speeds of the objects
			· · · · · · · · · · · · · · · · · · ·

		I	
Soaring Higher	DE	SCI.5.3.1.9	Identify that the energy of a moving object depends upon its speed. Give examples of how an object's energy of motion increases when the object's speed increases.
Looking for Answers:A research project	DE	SCI.5.1.1.3	Accurately collect data using observations, simple tools and equipment. Display and organize data in tables, charts, diagrams, and bar graphs or plots over time. Compare and question results with and from others.
Looking for Answers:A research project	DE	SCI.5.1.1.6	Use mathematics, reading, writing, and technology when conducting scientific inquiries.
Looking for Answers:A research project	DE	SCI.5.1.2.2	Recognize that solar energy, an inexhaustible source, is an alternative energy source to fossil fuels, an exhaustible source. Using books, computers and other resources, search for ways that we can use sunlight to heat and light our homes, and generate electrical energy. Report your results by making a poster, a written report or an oral presentation.
Controlling the Plane	DE	SCI.5.1.1.2	Design and conduct simple to multi-step investigations in order to test predictions. Keep constant all but the condition being tested.
Controlling the Plane	DE	SCI.5.1.1.3	Accurately collect data using observations, simple tools and equipment. Display and organize data in tables, charts, diagrams, and bar graphs or plots over time. Compare and question results with and from others.